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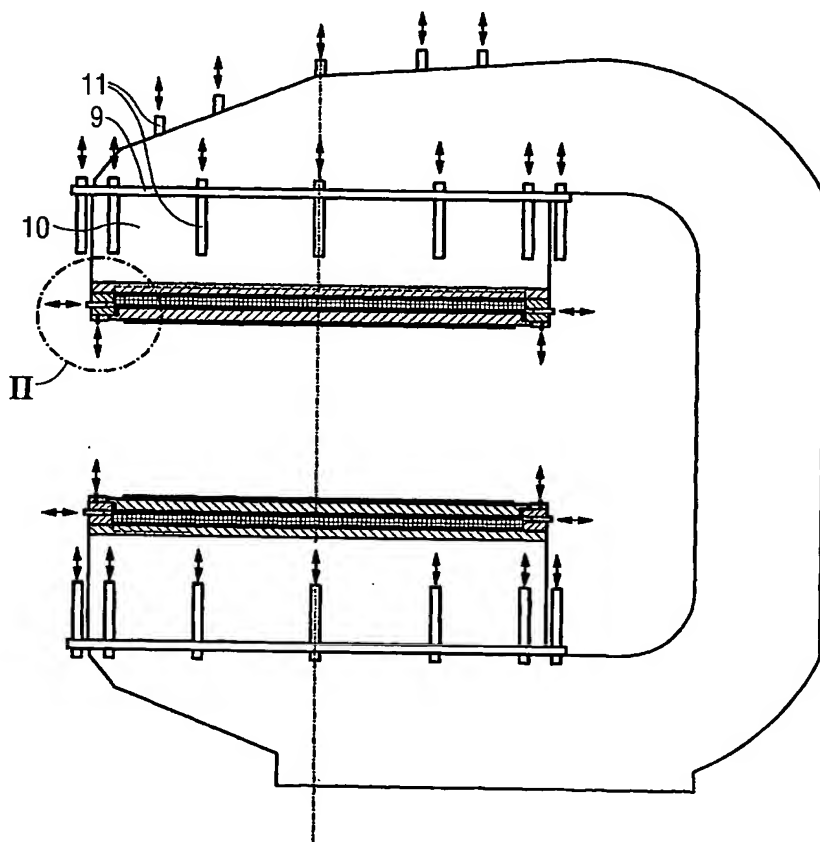
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(54) Title: **MRI MAGNET DEVICE WITH AXIALLY ADJUSTABLE ROSE SHIM RING**



(57) Abstract: This invention relates to a static magnetic field generating device in a MRI equipment, comprising an additional shimming ring on the external edge of the first shimming ring whereby the distance between the first shimming ring and the additional shimming ring is adjustable in the direction parallel to the static magnetic field such as to improve homogeneity of the static magnetic field; a per-manent magnetic source composed of a plurality of permanent magnetic columns with different magnetic energy levels wherein the magnetic energy levels of the external columns are higher than the magnetic energy levels of the columns which are closer to the center of the respective pole; a plurality of magnetic inducing bolts or permanent magnetic bolts; the second shimming ring, the permanent magnetic source and the magnetic inducing bolts or permanent magnetic bolts could be applied jointly.



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